Biomedical Informatics Seminar Series (BioMISS) 2006 - 2007

Philip Kroth

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**WHAT IS BIOMEDICAL INFORMATICS?**

Biomedical Informatics is the science of managing information for health care, research, education, and administration by applying, integrating, and evaluating information technology.

The Science of Biomedical Informatics seeks to study the use and flow of information in health care organizations and systems. Its goal is to provide the best information management tools to help provide the top quality health care at the lowest possible cost.

**LEARNING OBJECTIVES**

- To provide a broad overview of salient topics in the field of Biomedical Informatics
- To provide a forum that fosters interdisciplinary cross-collaboration for research into areas related to Biomedical Informatics
- To provide a forum for Biomedical Informatics fellows (and HSC faculty doing research or with a serious interest in Biomedical Informatics) for presentation in Biomedical Informatics-related research

**LOCATION**

2nd and 4th Thursday each month
UNM Health Sciences Library and Informatics Center
Room 228

**TIME**

8:30 - 9:30 AM

**CONTACT INFORMATION**

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BIOMEDICAL INFORMATICS
SEMINAR SERIES SCHEDULE
2006-2007

9/14/2006
The Increasing Importance of Computation in Research
Barney Maccabe, PhD
Professor, UNM Department of Computer Science
Director, UNM Center for High Performance Computing

9/28/2006
New Mexico Molecular Libraries Screening Center: Speeding Drug Development
Larry Sklar, PhD
Professor, UNM Department of Pathology
Associate Director of Basic Research, UNM Cancer Research and Treatment Center
Full Member, Hematologic Malignancies Research Program

10/12/2006
Health Information Exchanges: The Benefits and the Challenges
Maggie Gunter, PhD
President and Executive Director, Lovelace Clinic Foundation

10/26/2006
Anthropology, Orthodontics, and Informatics: Integrating Disciplines to Develop a New Research Resource
Heather Edgar, PhD
Research Assistant Professor, UNM Department of Anthropology
Curator of Human Osteology, UNM Maxwell Museum of Anthropology
Randy Stewart, MD
National Library of Medicine Biomedical Informatics Fellow
Adjunct Assistant Professor, UNM Health Sciences Library and Informatics Center

11/9/2006
Making a Match: Linking Records from Multiple Clinical Databases
Randy Stewart, MD
National Library of Medicine Biomedical Informatics Fellow
Adjunct Assistant Professor, UNM Health Sciences Library and Informatics Center

12/14/2006
Neuroinformatics and the MIND Institute
Jeremy Bockholt
Neuroinformatics Manager
The MIND Institute

1/11/2007
Rule-Based Modeling of Biochemical Systems
William Hlavacek, PhD
Technical Staff Member, Theoretical Biology and Biophysics Group, Theoretical Division, Los Alamos National Laboratory
Adjunct Assistant Professor, UNM Department of Biology

1/25/2007
Emerging Technologies in Wireless Communication
Matt Braun
Director, Network and Infrastructure, UNM Hospitals

2/8/2007
Collecting Research Data On-Line: A Survey of Military Mothers of Adolescent Children
Mona Ternus, PhD, RN, CNS, CCRN
Associate Professor, UNM College of Nursing

2/22/2007
Voice/Data Convergence: New Ways to Communicate
Matt Braun
Director, Network and Infrastructure, UNM Hospitals

“Thinking Tools”: The Science of Medical Decision Making
Randy Stewart, MD
National Library of Medicine Biomedical Informatics Fellow
Adjunct Assistant Professor, UNM Health Sciences Library and Informatics Center

3/22/2007
Tools and Tips: Electronic Collaboration with Sensitive Information
Janelle Edmister
IT Security Administrator, UNM Health Sciences Library and Informatics Center

4/12/2007
Prescribing Patient Education: Using Personal Health Records and Online Care Plans to Tailor Patient Information
Robert Luke, PhD
Manager, Educational Informatics
Princess Margaret Hospital, University Health Network, University of Toronto

4/26/2007
UNM’s Center of Excellence for Spatiotemporal Modeling of Cell Signaling
Jeremy Edwards, PhD
Assistant Professor, UNM Department of Molecular Genetics and Microbiology
Janet Oliver, PhD
Professor, UNM Departments of Pathology and Biology
Bridget Wilson, PhD
Associate Professor, UNM Department of Pathology

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